

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 14 78 7477

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	WO 2012/081290 A1 (USUI KOKUSAI SANGYO KK) 21 June 2012 (2012-06-21) * paragraphs [0028] - [0055]; figures 3-7,9,11,14-16 *	1-10	INV. F01N3/02 B01D47/00 B01D50/00 B01D53/18 B01D53/50 B01D53/52 B01D53/77 F01N3/04 F02M26/00
A	EP 2 489 843 A1 (USUI KOKUSAI SANGYO KK [JP]) 22 August 2012 (2012-08-22) * paragraphs [0038], [0039]; figure 4 * * paragraphs [0018], [0-21]; figure 6 *	1-6	
A	JP 2008 080261 A (MITSUBISHI HEAVY IND LTD; OSAKA GAS CO LTD) 10 April 2008 (2008-04-10) * abstract; figures 1,3,4 *	1-8	
A	EP 2 301 647 A1 (PENG SIGAN [CN]) 30 March 2011 (2011-03-30) * paragraphs [0025] - [0056] * * paragraphs [0084] - [0096]; figures 1,2 *	1-8	
A	JP S49 34472 A (N.N.) 29 March 1974 (1974-03-29) * figure 1 *	9,10	
E	EP 3 085 910 A1 (USUI KOKUSAI SANGYO KK [JP]) 26 October 2016 (2016-10-26) * paragraphs [0005], [0006]; figures 16,17 * * paragraphs [0057], [0058]; figures 1-3 * * paragraphs [0072] - [0074]; figure 7 *	4-10	TECHNICAL FIELDS SEARCHED (IPC) F01N
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 30 November 2016	Examiner Kolland, Ulrich
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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